

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

	Hex(4FABE3)	Hex(66B3E3)	Hex(7DBDE3)	Hex(94C4E3)	Hex(ABCCE3)	Hex(C2D6E3)	Hex(D6DEE3)	Hex(EDE8E3)	Hex(FFF0E3)	Hex(FFF7E3)
Hex(4FABE3)		Ratio: 1.10 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 2.38 Failed ⁵
Hex(66B3E3)	Ratio: 1.10 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.16 Failed ⁵
Hex(7DBDE3)	Ratio: 1.24 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.92 Failed ⁵
Hex(94C4E3)	Ratio: 1.36 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(ABCCE3)	Ratio: 1.51 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.58 Failed ⁵
Hex(C2D6E3)	Ratio: 1.70 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.40 Failed ⁵
Hex(D6DEE3)	Ratio: 1.86 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.28 Failed ⁵
Hex(EDE8E3)	Ratio: 2.09 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(FFF0E3)	Ratio: 2.28 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(FFF7E3)	Ratio: 2.38 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.04 Failed ⁵	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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